

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKewed/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

Form PTO-1449 (modified)

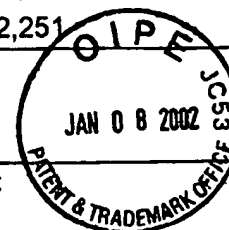
List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.
UNTD:015Serial No.
09/872,251Applicant
DAVID P. ANDERSON, et al.Filing Date:
May 31, 2001

Group:

U.S. Patent Documents
See Pages 1-2Foreign Patent Documents
N/AOther Art
See Page 3-5**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
MAS	A1	4,669,730	06/02/87	Small	273	138	
	A2	4,815,741	03/28/89	Small	273	138	
	A3	5,056,019	10/08/91	Schultz et al.	364	405	
	A4	5,332,218	07/26/94	Lucey	273	138	
	A5	5,483,444	01/09/96	Heintzeman et al.	364	401	
	A6	5,598,566	01/28/97	Pascucci et al.	395	750	
	A7	5,703,949	12/30/97	Rosen	380	21	
	A8	5,802,062	09/01/98	Gehani et al.	370	465	
	A9	5,815,793	09/29/98	Ferguson	455	3.1	
	A10	5,826,265	10/20/98	Van Huben et al.	707	8	
	A11	5,862,325	01/19/99	Reed et al.	395	200.31	
	A12	5,884,072	03/16/99	Rasmussen	395	600	
	A13	5,909,540	06/01/99	Carter et al.	395	182.02	
	A14	5,916,024	06/29/99	Von Kohorn	463	40	
	A15	5,918,229	06/29/99	Davis et al.	707	10	
	A16	5,921,865	07/13/99	Scagnelli et al.	463	17	
	A17	5,937,192	08/10/99	Martin	395	705	
	A18	5,958,010	09/28/99	Agarwal et al.	709	224	
	A19	5,966,451	10/12/99	Utsumi	380	49	
	A20	5,970,469	10/19/99	Scroggie et al.	705	14	
	A21	5,970,477	10/19/99	Roden	705	32	
	A22	5,987,506	11/16/99	Carter et al.	709	213	
MAS	A23	6,003,065	12/14/99	Yan et al.	709	201	

RECEIVED
JAN 10 2002
Technology Center 2100

Examiner:

M. A. Siddiqui

Date Considered:

10/21/2004

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.

UNTD:015

Serial No.

09/872,251

Applicant

DAVID P. ANDERSON, et al.

Filing Date:

May 31, 2001

Group:

U.S. Patent Documents

See Pages 1-2

Foreign Patent Documents

N/A

Other Art

See Page 3-5

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
MAS	A24	6,009,455	12/28/99	Doyle	709	201	
	A25	6,014,634	01/11/00	Scroggie et al.	705	14	
	A26	6,024,640	02/15/00	Walker et al.	463	17	
	A27	6,026,474	02/15/00	Carter et al.	711	202	
	A28	6,052,785	04/18/00	Lin et al.	713	201	
	A29	6,058,393	05/02/00	Meier et al.	707	10	
	A30	6,061,660	05/09/00	Eggleston et al.	705	14	
	A31	6,070,190	05/30/00	Reps et al.	709	224	
	A32	6,094,654	07/25/00	Van Huben et al.	707	8	
	A33	6,112,225	08/29/00	Kraft et al.	709	202	
	A34	6,112,304	08/29/00	Clawson	713	156	
	A35	6,112,181	08/29/00	Shear et al.	705	1	
	A36	6,115,713	09/05/00	Pascucci et al.	707	10	
	A37	6,148,335	11/14/00	Haggard et al.	709	224	
	A38	6,148,377	11/14/00	Carter et al.	711	147	
	A39	6,151,684	11/21/00	Alexander et al.	714	4	
	A40	5,964,832	10/12/99	Kisor	709	202	
	A41	5,655,081	08/05/97	Bonnell et al.	395	200.32	
	A42	5,978,594	11/02/99	Bonnell et al.	395	837	
MAS	A43	5,740,549	04/14/98	Reilly et al.	705	14	

Examiner:

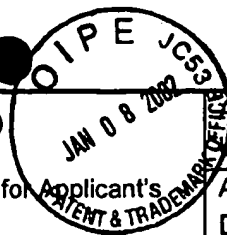
M.A. Suddley

Date Considered:

10/27/2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)



Patty. Docket No.

JUNTD:015

Serial No.

09/872,251

List of Patents and Publications for Applicant's

Applicant

DAVID P. ANDERSON, et al.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

May 31, 2001

Group:

U.S. Patent Documents

See Pages 1-2

Foreign Patent Documents

N/A

Other Art

See Page 3-5

RECEIVED
JAN 10 2002
Technology Center 2100

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MAS	C1	Brian Hayes, "Computing Science: Collective Wisdom," <i>American Scientist</i> , March-April 1998
	C2	Steve Lawrence, et al., "Accessibility of information on the web," <i>Nature</i> , Vol. 400, pp. 107-109, July 1999
	C3	Steve Lawrence, et al., "Searching the World Wide Web," <i>Science</i> , Vol. 280, pp. 98-100, April 3, 1998
	C4	Steve Lawrence, et al., "Context and Page Analysis for Improved Web Search," <i>IEEE Internet Computing</i> , pp. 38-46, July-August 1998
	C5	Vasken Bohossian, et al., "Computing in the RAIN: A Reliable Array of Independent Nodes," California Institute of Technology, September 24, 1999
	C6	"A White Paper: The Economic Impacts of Unacceptable Web-Site Download Speeds," Zona Research, Inc., pp. 1-17, April 1999
	C7	Peter J. Sevcik, "The World-Wide-Wait Status Report," <i>Northeast Consulting Resources, Inc.</i> , Global Internet-Performance Conference, October 14, 1999
	C8	"White Paper: Max, and the Objective Measurement of Web Sites," WebCriteria, Version 1.00, pp. 1-11, March 12, 1999
	C9	Renu Tewari, et al., "Design Considerations for Distributed Caching on the Internet," pp. 1-13, May 1999
	C10	"Measuring and Improving Your E-Commerce Web Site Performance with Keynote Perspective," Keynote Systems, pp. 1-15, March 29, 2000
MAS	C11	Sullivan, et al., "A New Major SETI Project Based On Project Serendip Data and 100,000 Personal Computers," Proc of the Fifth Intl Conf on Bioastronomy IAU Colloq No. 161, pp. 729-734, 1997

Examiner:

m. S. Siddle

Date Considered:

12/21/09

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

List of Patents and Publications for Applicant

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. Patent Documents

See Pages 1-2

Foreign Patent Documents

N/A

Other Art

See Page 3-5

Citty. Docket No.

UNTD:015

Serial No.

09/872,251

Applicant

DAVID P. ANDERSON, et al.

Filing Date:

May 31, 2001

Group:

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MAS	C12	Caronni, et al., "How Exhausting is Exhaustive Search?" RSA Laboratories' CryptoBytes, Vol. 2, No. 3, pp. 2-6, Jan-Mar 1997.
	C13	Bricker, et al., "Condor Technical Summary," Computer Sciences Dept., University of Wisconsin, Version 4.1b, pp.1-10, Jan. 28, 1992.
	C14	Fields, "Hunting for Wasted Computing Power-New Software for Computing Networks Puts Idle PC's to Work," 1993 Research Sampler, University of Wisconsin, pp. 1-5, 1993.
	C15	Anderson, et al., "SETI@home: Internet Distributed Computing for SETI," A New Era in Bioastronomy, ASP Conference Series, Vol. 213, pp. 511-517, 2000.
	C16	Bowyer, et al., "Twenty Years of Serendip, the Berkeley SETI Effort: Past Results and Future Plans," Astronomical and Biochemical Origins and the Search for Life in the Universe, pp. 667-676, 1997.
	C17	Litzkow, et al., "Condor - A Hunter of Idle Workstations," The 8 th International Conf. on Distributed Computing Systems, pp.104-111, 1988.
	C18	Hamidzadeh, et al., "Dynamic Scheduling Techniques for Heterogeneous Computing Systems," Concurrency: Practice and Experience, Vol. 7(7), pp. 633-652, 1995.
	C19	Grimshaw, et al., "The Legion Vision of a Worldwide Virtual Computer," Communications of the ACM, Vol. 40, No. 1, pp. 39-45, 1997.
	C20	Catlett, et al., "Metacomputing," Communications of the ACM, Vol. 35, No. 6, pp. 44-52, 1992.
	C21	Foster, et al., "Globus: A Metacomputing Infrastructure Toolkit," The International Journal of Supercomputer Applications and High Performance Computing, Vol. 11, No. 2, pp. 115-128, 1997.
	C22	Mutka, et al., "The Available Capacity of a Privately Owned Workstation Environment," Performance Evaluation 12 (1991) pp. 269-284.
	C23	Sullivan, et al., "A New Major SETI Project Based on Project Serendip Data and 100,000 Personal Computers," Astronomical and Biochemical Origins and the Search for Life in the Universe, 5 th International Conference on Bioastronomy, IAU Colloquium No. 161, pp. 729-734, 1996.
MAS	C24	Gelernter, "Domesticating Parallelism," IEEE Computer, Aug. 1986, 19(8), pp. 12-16.

Examiner:

M.A.S. Siddiqui

Date Considered:

10/21/04

EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

List of Patents and Publications for Applicant

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. Patent Documents

See Pages 1-2

Foreign Patent Documents

N/A

Other Art

See Page 3-5

City, Docket No.

INTD:015

Serial No.

09/872,251

Applicant

DAVID P. ANDERSON, et al.

Filing Date:

May 31, 2001

Group:

RECEIVED
 JAN 10 2002
 Technology Center 2100

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MAS	C25	Goldberg, et al., "A Secure Environment for Untrusted Helper Applications-Confining the Wily Hacker," 6 th USENIX Security Symposium, pp. 1-13, 1996.

Examiner:

M. AS 10/21/04

Date Considered:

10/21/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (modified)

Atty. Docket No.

UNTD:015

Serial No.

09/872,251

List of Patents and Publications for Applicant's

Applicant

David P. Anderson & Edward A. Hubbard

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

May 31, 2001

Group:

2153

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page N/A

Other Art

See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
MAS	A58	6,418,462	7/9/02	Xu	709	201	
MAR	A59	6,463,457	10/8/02	Armentrout et al.	709	201	

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MAS	C34	Regev, Ori; Economic Oriented CPU Sharing System for the Internet; Master of Science in Computer Science thesis; Institute of Computer Science; The Hebrew University of Jerusalem; July, 1998
	C35	May, Michael; Idle Computing Resources as Micro-Currencies – Bartering CPU Time for Online Content; AACE WebNet99; Oct. 25-30, 1999
	C36	May, Michael; Distributed RC5 Decryption as a Consumer for Idle – Time Brokerage; DCW99 Workshop on Distributed Computer on the Web; June 21-23, 1999
	C37	May, Michael; Locust – A Brokerage System for Accessing Idle Resources for Web-Computing; Proceedings of the 25 th Euromicro Conference; Vol. 2, pp. 466-473; September 8-10, 1999
MAS	C38	Huberman, Bernardo A., et al.; Distributed Computation as an Economic System; Journal of Economic Perspectives; Vol. 9, No. 1; pp. 141-152; Winter 1995

RECEIVED

JUN 13 2003

Technology Center 2100

Examiner:

M. A. S. G. S. G.

Date Considered:

10/21/2009

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.